

Graduate profile

The graduate has acquired rudimentary knowledge of mathematics, natural sciences and technical sciences, as well as specialist knowledge in geodesy and cartography. The graduate has acquired basic competencies in the area of: contemporary methods for surveying and modeling the Earth's shape and physical properties, observing changes therein over time, keeping the real estate cadastre, numerical processing and presentation of the results of surveying, satellite, remote sensing and photogrammetric measurements, performing spatial analyses with the use of GIS tools, determining and registering the ownership status of property, acquiring data for spatial information systems and real estate management systems, planning the development of rural areas, developing business maps, basic maps, topographic maps and thematic maps, surveying services for investment projects, The graduate has the required skills to: use the acquired knowledge in work and daily life, manage teams performing contracted tasks, incorporating and managing small enterprises, apply legal knowledge to the extent required for conducting professional and business activity. The graduate is prepared to: provide engineering services in the area of surveying, cartography and land information systems, apply advanced surveying, satellite, photogrammetric and remote sensing measuring techniques, process and deploy measurement results. The graduate is prepared for employment in: surveying companies, small enterprises, local and central administration units, providers of business support services.